

AMENDMENT UNDER 37 C.F.R. § 1.312  
U.S. APPLN. NO. 09/889,881

AMENDMENTS TO THE SPECIFICATION

Page 7, delete the paragraph (table) between the second and third lines of text on page 7, and replace it with the following table:

*AMENDMENT ENTERED - IN PART*

*OK to EX-TEL  
OF 5/10/04*

Form	Origin	Characteristics before treatment	% scrap (in mass of $PuO_2$ )
Powders	End of pellet-pelletizing batch	Unsintered powder with uncontrolled particle size distribution and sinterability	99.5%
	Grinding powders	Sintered powder with uncontrolled particle size distribution and sinterability	
	Recovery of dust	Uncontrolled $PuO_2$ and impurity content and particle size distribution	
Pellets	Rejects from sorting by aspect	Sintered pellets	0.5%
	Samples		
	Excess production		
Various	Chemical analyses	Nitric solutions	0.5%
	Maintenance and cleaning of production equipment and/or gloveboxes	Volatile chemical impurities	
		Nonvolatile chemical impurities	

AMENDMENT UNDER 37 C.F.R. § 1.312  
U.S. APPLN. NO. 09/889,881

Please delete the present Abstract of the Disclosure and replace it with the following

*AMENDMENT  
ENTERED IN PART*  
new Abstract of the Disclosure.

*OK TO ENTER  
CF  
5/10/04*

A method for dry process recycling of mixed (U,Pu)O<sub>2</sub> oxide nuclear fuel waste, including a process for making fuel pellets of mixed (U,Pu)O<sub>2</sub> oxide, including a dosage and a first mixture (1) of waste in powder form and, if required, of PuO<sub>2</sub> and/or UO<sub>2</sub> powders, a micronization (2) and a forced sieving (3) of said first mixture; another dosage and a second mixture (4) of the first sieved mixture, of UO<sub>2</sub> powders and, if necessary, of the waste powder, pelletizing (6) the second mixture, and sintering (7) the resulting pellets; and a process for pre-treating the waste including pelletizing (20) and sintering (21) the powder waste to form waste pellets, and micronizing (23) the waste pellets to form the desired waste powder designed to be incorporated as waste powder, in the first (1) and/or second mixtures.